

WHAT IS CLAIMED IS:

1. A molding composition containing polyamide, 0.1 to 8 parts by weight of electrically conductive carbon in particulate form and 0.5 to 50 parts by weight of a graft polymer, the sum of the parts by weight of the polyamide, conductive carbon and graft polymer totalling 100.  
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2. A molding composition containing polyamide, 0.1 to 8 parts by weight of electrically conductive carbon in particulate form, 0.5 to 50 parts by weight 10 of a graft polymer and up to 30 parts by weight mineral particles the sum of the parts by weight of the polyamide, conductive carbon, graft polymer and mineral particles totalling 100.
3. A molding composition containing polyamide, 0.1 to 8 parts by weight of 15 electrically conductive carbon in particulate form, 0.5 to 50 parts by weight of a graft polymer, up to 30 parts by weight mineral particles and at least one further component selected from the group consisting of compatibility promoters, vinyl (co)polymers, polymer additives and phenolformaldehyde resins, the sum of the parts by weight of the polyamide, conductive carbon, 20 graft polymer, mineral particles and the further component totalling 100.
4. A thermoplastic molding composition comprising  
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  - A) 40 to 90 parts by weight polyamide
  - B) 0.5 to 50 parts by weight graft polymer
  - C) 0.1 to 30 parts by weight mineral particles
  - D) 0.1 to 8 parts by weight electrically conductive carbon particles  
the sum of the parts by weight of A) through D) totalling 100.

5. The composition according to Claim 1, wherein the graft polymer contains the polymerized product of at least one vinyl monomer grafted on at least one graft base having glass transition temperature  $\leq 10$  °C.
- 5 6. The composition according to Claim 1 wherein the graft polymer is the product of polymerizing at least one monomer selected from the group B.1.1 consisting of styrene,  $\alpha$ -methylstyrene, halogen-substituted or alkyl-ring-substituted styrenes, (meth)acrylic C<sub>1</sub>-C<sub>8</sub> alkyl esters and at least one monomer selected from the group B.1.2 consisting of unsaturated nitriles, (meth)acrylic C<sub>1</sub>-C<sub>8</sub> alkyl esters and derivatives of unsaturated carboxylic acids , grafted on 10 a graft base having glass transition temperature  $\leq 10$  °C.
7. The composition according to Claim 5, wherein the graft base is at least one member selected from the group consisting of diene rubbers, copolymers of diene rubbers, acrylate rubbers, polyurethane/silicone rubbers, chloroprene rubbers and ethylene/vinyl-acetate rubbers.
- 15 8. The composition according to Claim 5, wherein the graft base is at least one member selected from the group consisting of diene rubbers, copolymers of diene rubbers and acrylate rubbers.
- 20 9. The composition according to Claim 5 wherein the graft base is polybutadiene.
- 25 10. The composition according to Claim 1, wherein the electrically conductive carbon is selected from the group consisting of carbon black, graphite and carbon nanofibrils.
- 30 11. The composition according to Claim 2, wherein the mineral particles are selected from the group consisting of talc, mica, clay-bank minerals, montmorillonite, kaolin, vermiculite and wollastonite.

12. The composition according to Claim 2 wherein mineral particles are talc.

13. The composition according to Claim 3 wherein the further component is phenolformaldehyde resin, that is present in an amount of 1 to 12 parts by weight.

14. The composition according to Claim 3 wherein compatibility promoter is a copolymer formed from

10 E.1 a vinyl aromatic monomer,

E.2 at least one monomer selected from the group consisting of C<sub>2</sub> to C<sub>12</sub> alkyl methacrylates, C<sub>2</sub> to C<sub>12</sub> alkyl acrylates, acrylonitrile and methacrylonitrile and

15 E.3 at least one α,β-unsaturated component containing dicarboxylic anhydride.

15. A molded article comprising the composition of Claim 1.

20 16. A molded article comprising the composition of Claim 4.